BRUHAT BANGALORE MAHANAGARA PALIKE

Yelahanka Division,YELAHANKA ZONE

Executive Engineer
Yelahanka Division BBMP
Bangalore-64

APPROVED SCHEDULE 'B'

Name of work:-Maintenance of power pumps in ward no-03

Sl No	Description of item.s	Unit	Approved rate Technical Manager(west)KRIDL,BBMP		
			Approved Qty	Rate	Rate in words
1	Supply and delivery at site brand New texmo/ mnoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by meanns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH , 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc complete The pump and motor shall form an integral unit with all the required fittings 7.5HP 20 stage ATALANTA<SUGUNA<CRI.KIRLOSKAR and other Equivalent pumps PWD SR 2016-2017 P No.XXXX11 Item No.24 including of all taxes	No	2.00	60400.00	Rupees sixty thousand four hundred and zero paise only
2	KSRB 13-3.6 Providing and fixing in trenches galvanized mild steel tubes(medium grade)50mm dia nominal bore with all fittings(earth work in trenches to be measured and paid for separately) including cost of all materials,labour charges,HOM of equipments and testing complete as per specifications Specification No KBS 13.2 14/13.6 Page No.90,Item no.13.15 PWD SR 2016-2017	Rmtr	582.00	457.92	Rupees four hundred fifty seven and ninety two paise only
3	GI Hose Collers p no xxxix PWD SR 2016-2017	No	100.00	103.00	Rupees One hundred three and zero paise only
4	Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset (PRED,Bangalore circle se Approved date 30.07.2010 15HP TO 30HP star Delta stater)	No.	30.00	10000.00	Rupees Ten Thousand and zero paise only

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

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5	Erection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of one pair supporting clamps, one borewell cap. Cable clips with bolts, nuts, valves guages etc , involoved in the job (Necessary GI pipe and specials with be supplied by the board at the site free of cost) (As per rate approved KUWS & DB for year 2008-09)	No	3.00	3000.00	Rupees Three Thousand and zero paise only
6	Providing and fixing Clamp set etc as per specifications and directions of the engineer incharge of work (As per Market rate)	No	2.00	600.00	Rupees Six hundred and zero paise only
7	Supplying and laying of 1.1kv LTUG cable having alumminum condutor PVC insulated,extruded inner shethed, galvnised steel strip (except 2cx10sq mm wire armoured)confirming to IS-3975 1990(No of strip indicated in GTP)&extruded pvc outer sheathed armoured cable with specified IS-1554 Part-1 1988 &confirming to GTP of Group-A P No 55/1 No.7 4 4 4 core 16sqmm kpwd electrical SR 2014-2015	Mtr	240.00	140.40	Rupees one hundred fourty and fourty paise only
8	Labour charges for laying of 1.1 K V class UG cable in existing trench GI Pipe / stone ware pipe on wall on pole as required in existing trench duct P no 6 1 no7 8 1 6 Sqmm to 16 sqmm)KPWD Electrical SR 2014-2015	Mtr	240.00	10.80	Rupees Ten and Eighty paise only
9	Digging or trenching of 0.6 m x 0.5 m wide refilling the trench to the required ground level and consolidating etc , complete as per Civil SR KSRB 1-2 P-7 P No 62/ 1 No 7.9.3 KPWD Electrical SR 2014-2015	Mtr	200.00	85.00	Rupees Eighty five and zero paise only
10	Supplying and fixing of Class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class P No 62 1 No.7 12 1 KPWD Electrical SR 2014-2015	Mtr	60.00	345.00	Rupees Three hundred fourty five and zero paise only
11	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen insulating compound complete with terminals, clamps, bolts, nuts and washers etc P No 62 1 No 7 13 1 KPWD Electrical SR 2014-2015	No	10.00	260.00	Rupees Two hundred Sixty and zero paise only
12	Supplying, fixing, wiring, earth electrode for grounding conduits, I C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long burried in a pit The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth The connection from the pipe to the conduit etc , is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc , the pipe shall have 16 throught holes of 122 mm dia. (P No55.1 no 7 1)KPWD Electrical SR 2014-2015	No	10.00	2727.00	Rupees Two Thousand seven hundred twenty seven and zero paise only
13	Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.10/13.13 P No. 93/1 No. 13.55 PWD SR 2016-2017	No	3.00	1585.76	Rupees One thousand five hundred eighty five and seventy six paise only

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

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14	Providing NP C P waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc , complete for 50mm dia P No 95 I No 13 81 3 PWD SR 2016-2017	No	3.00	227.90	Rupees Two hundred twenty seven and Ninety paise only
15	Supplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading unloading and labour charges etc coomplete p no xxxix PWD SR 2016-2017	No	12.00	104.30	Rupees One hundred four and Thirty paise only
16	Supplying shunt capaitors conforming to IS 2834, 3phase 400 440 volts grade for power factor improvement of rotating machinery, Capacitor in KVAR rating Nos 2KVAR capacity with all lead and lift =, loading, unloading and labour charges etc complete as per specifications(p no109/s no17 15 1 kpwd electrical sr 2014-2015)	No	20.00	211.00	Rupees Two hundred eleven and zero paise only
17	Supplying and fixing miniature circuit breaker on existing MCB distribution boards using necessary fixing materiasls and 'c' Type curve,indicator ON/OFF,energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.5-32amps Group A TPN P No 47 /I No 6 16.5 KPWD SR 2014-2015	No	20.00	1547.00	Rupees One thousand five hundred fourty seven and zero paise only
18	Fabricating supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete P no 49.I No 6 40 2 KPWD Electrical SR 2014-2015	Sq Cm	514800.00	0.33	Rupees Thirty three paise only
19	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washers P No 45/s no 6 7 3 KPWD Electrical SR 2014-2015	No	20.00	234.00	Rupees Two hundred thirty four and zero paise only
20	Earth work excavation for water Supply & Sanitary lines, Electrcical conduits either in pits or trenches (for trenches from 601mm to 1500mm width) as per drawing and technical specification, including setting out, construction of shoring strutting barricating, danger lighting, bracing, removal of stupms and other deleterious matter dressing of sides and bottom including backfilling the excavation earth to the extent required and utilising the remaining earth locally for the work in the follwing classifications by mecheanical means PRED SR 2012-2013(Item No 1.50,Page No 02) (In ordinary soil hard soil-(depth upto 3m)	Cum	405.00	40.28	Rupees fourty and twenty eight paise only
21	Providing and instalation at site of works P V C Pipes including cost of pipes and specials and including lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe afround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc..(Page No 15 item No 3.4.2 PREd SR 2012-2013)	Rmtr	750.00	123.00	Rupees One hundred twenty three and zero paise only
22	Refilling the basement and pipeline trenches with selected available earth from trench excavation including watering, consolidation in layers of 15cm thick including disposing of the surplus earth with a lead of 200 meters etc as per specifications.(P No 3/ Item No. 1.6/ PRED SR 2012-13)	Cum	405.00	64.66	Rupees sixty four and sixty six paise only

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23	KSRB 13.6.3-6 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.6/13.3 (P 89/1 13.37 PWD SR - 2016-17)	Each	12.00	2175.12	Rupees Two thousand One hundred Seventy Five and twelve paise only

Signature of Contractor

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